

## **California Weather-Hydro Conditions during September 2014**

As of September 30, the end of Water Year 2014, statewide hydrologic conditions were as follows: precipitation, 55 percent of average to date; runoff, 35 percent of average to date; and reservoir storage, 60 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2014, observed through September 30, 2014 was about 7.5 million acre-feet (MAF), which is about 41 percent of average. In comparison to Water Year 2013, the observed Sacramento River Region unimpaired runoff through September 30, 2013 was about 12.2 MAF, or about 67 percent of average.

On September 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 31.3 inches, which is about 63 percent of an average water year (50.0 inches). During September, the total precipitation for the 8-Stations was 1.6 inches, or about 178 percent of average for the month. Last year on September 30, the Water Year 2013 seasonal total for the 8-Stations was 44.3 inches, or about 89 percent of average.

On September 30, the San Joaquin 5-Station Precipitation Index Water Year total was 20.4 inches, which is about 50 percent of an average water year (40.8 inches). During September, the total precipitation for the 5-Stations was 0.8 inches, or about 114 percent of average for the month. Last year on September 30, the Water Year 2013 seasonal total for the 5-Stations was 26.5 inches, or about 65 percent of average.

Selected Cities Precipitation Accumulation as of 09/30/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2014 – 2014 (in inches)	% Avg	Jul 1 to Date 2013 – 2013 (in inches)	% Avg	% Avg “Water Year” Jul 1 to Jun 30 2014- 2015
Eureka	3.13	290	3.22	298	8
Redding	3.44	378	1.39	153	10
Sacramento	0.47	138	0.59	174	3
San Francisco	0.64	237	0.43	159	3
Fresno	0.19	100	0.01	5	2
Bakersfield	0.01	8	0.00	0	0
Los Angeles	0.19	66	0.03	10	1
San Diego	0.08	40	0.05	25	1

Key Reservoir Storage (1,000 AF) as of 09/30/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Lake	Trinity	607	1,666	36	2,448	25	---	1,841
Shasta Lake	Sacramento	1,157	2,725	42	4,552	25	-3,395	3,395
Lake Oroville	Feather	1,076	2,188	49	3,538	30	-2,275	2,462
New Bullards Bar Res	Yuba	419	593	71	970	43	-492	547
Folsom Lake	American	345	554	62	977	35	-632	632
New Melones Res	Stanislaus	520	1,343	39	2,400	22	-1,754	1,900
Don Pedro Res	Tuolumne	777	1,371	57	2,030	38	-995	1,253
Lake McClure	Merced	122	464	26	1,032	12	-731	903
Millerton Lake	San Joaquin	184	210	88	520	35	-336	336
Pine Flat Res	Kings	114	338	34	1,000	11	-886	886
Isabella	Kern	50	187	27	568	9	-254	518
San Luis Res	(Offstream)	464	955	49	2,041	23	---	1,575

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for October 2014, issued September 30, 2014, suggests no tendency for above or below average rainfall for much of California. The exceptions are the northern part of the State where below normal precipitation is indicated, and the southern portion of the State where above normal precipitation is indicated.